

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005163.D
 Acq On : 06 Sep 2018 14:59
 Operator : SY/AP
 Sample : J4720-02
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BZTRANS-2

Quant Time: Sep 06 16:43:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	358536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	534785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	328765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	137102	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
35) Dibromofluoromethane	7.89	113	101505	32.84	ug/l	0.00
Spiked Amount			Recovery	=	65.68%	
50) Toluene-d8	10.33	98	244679	17.18	ug/l	0.00
Spiked Amount			Recovery	=	34.36%	
62) 4-Bromofluorobenzene	12.62	95	79030	15.74	ug/l	0.00
Spiked Amount			Recovery	=	31.48%	

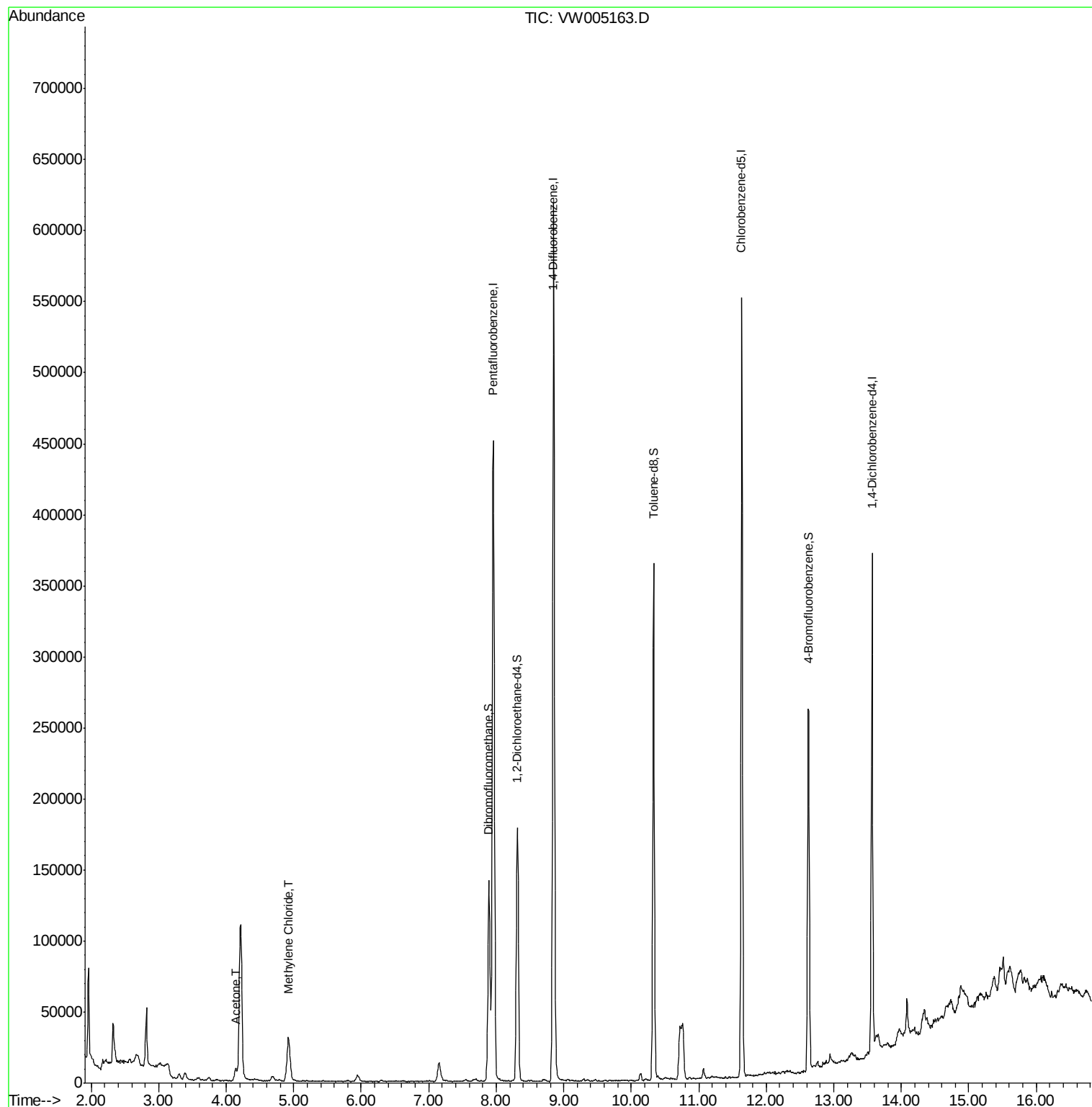
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	16409	27.53	ug/l	88
20) Methylene Chloride	4.93	84	25576	2.67	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

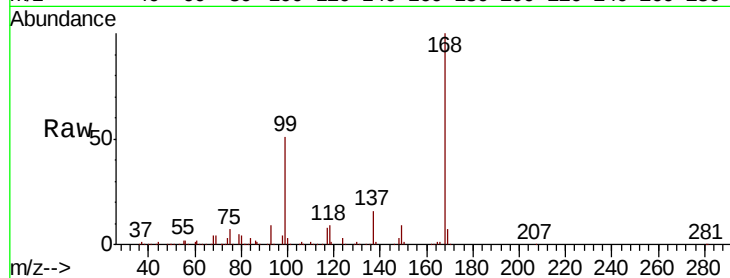
BZTRANS-2

Tot Ion:168 Resp: 358536

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

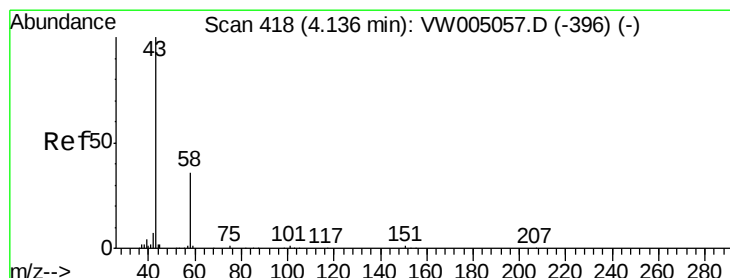
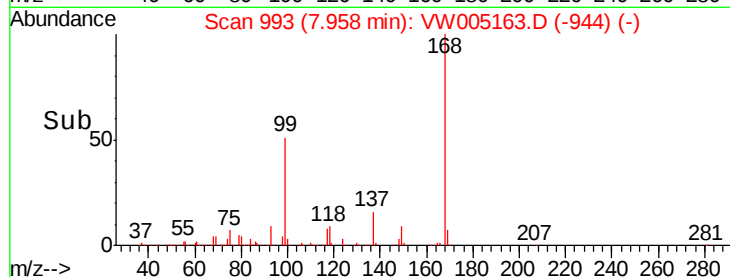
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 27.53 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005163.D

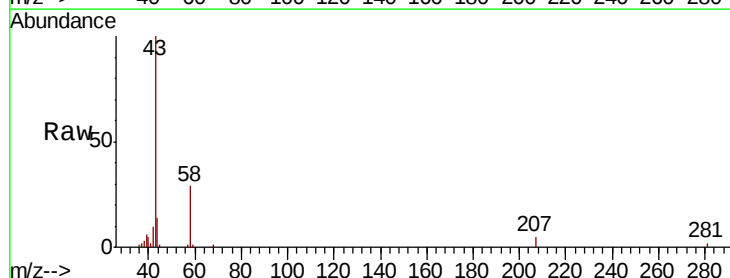
Acq: 06 Sep 2018 14:59

Tgt Ion: 43 Resp: 16409

Ion Ratio Lower Upper

43 100

58 29.4 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

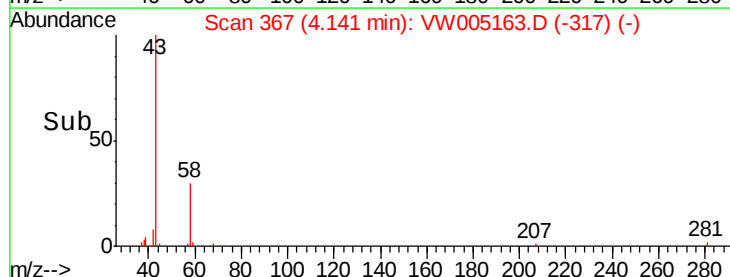
3000

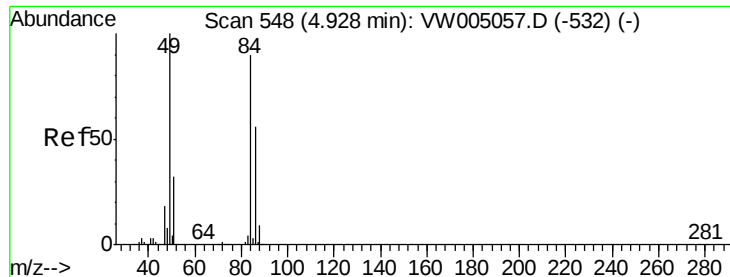
2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 2.67 ug/l

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW005163.D

Acq: 06 Sep 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-2

Tot Ion: 84 Resp: 25576

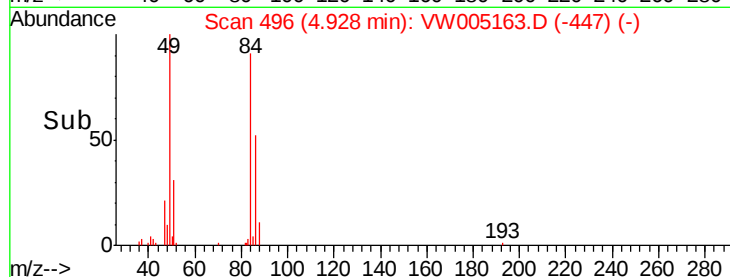
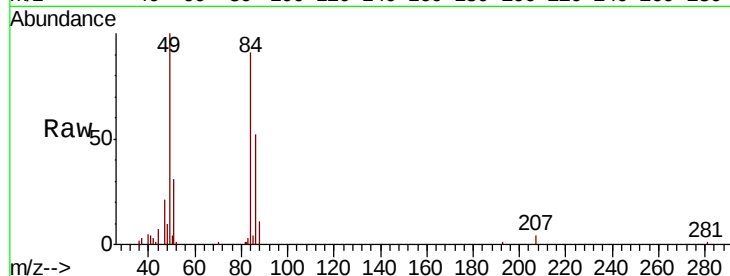
Ion Ratio Lower Upper

84 100

49 109.8 88.7 133.1

51 33.6 28.6 42.8

86 56.9 49.4 74.2

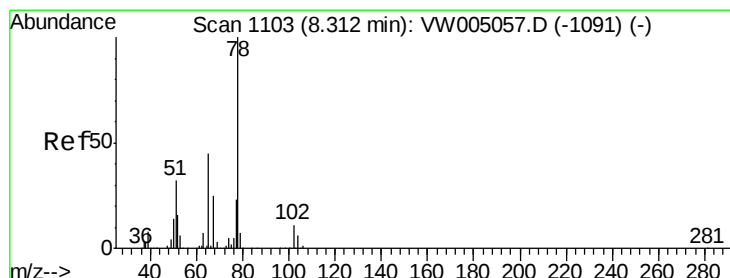
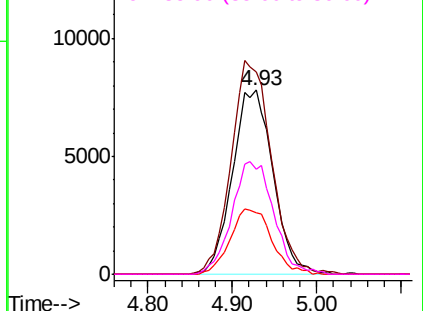


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 46.13 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005163.D

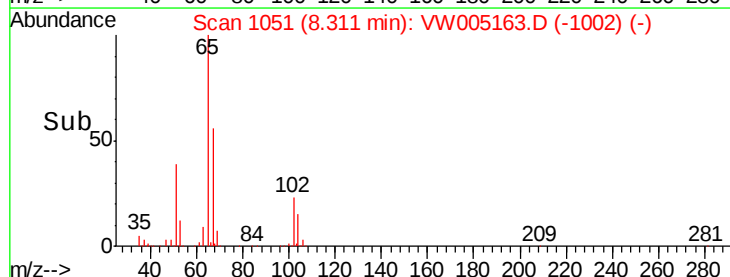
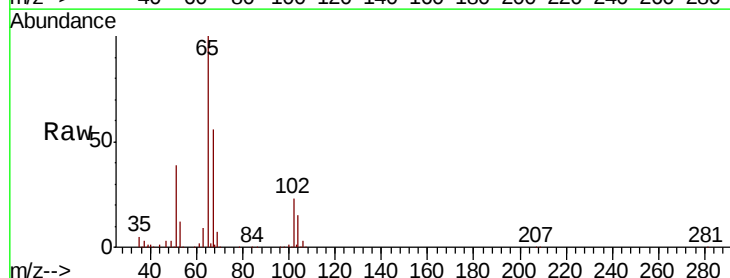
Acq: 06 Sep 2018 14:59

Tgt Ion: 65 Resp: 137102

Ion Ratio Lower Upper

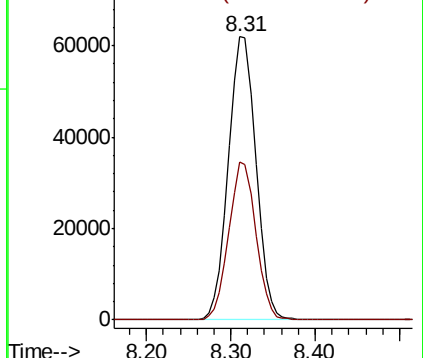
65 100

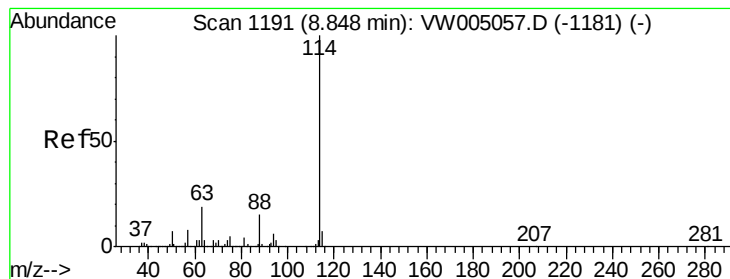
67 54.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005163.D

Acq: 06 Sep 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

BZTRANS-2

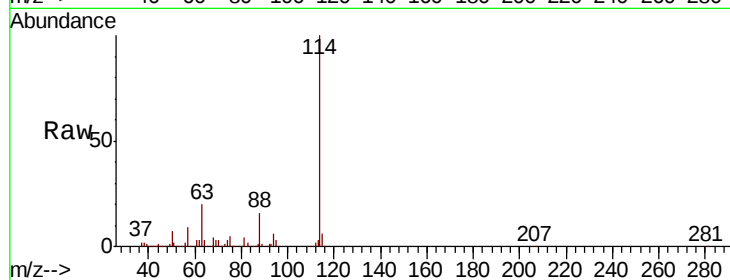
Tot Ion:114 Resp: 534785

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.0

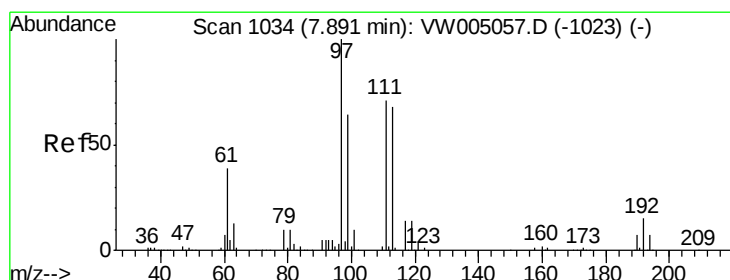
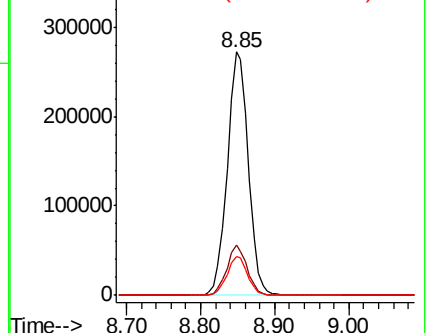
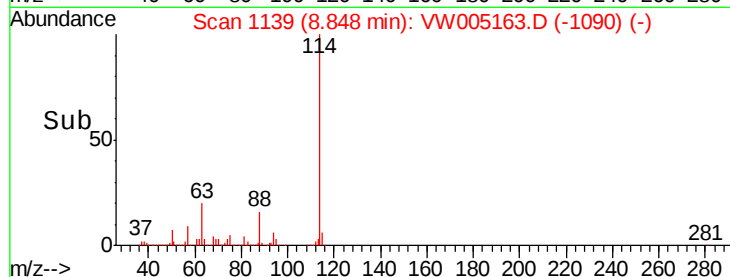
88 15.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 32.84 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005163.D

Acq: 06 Sep 2018 14:59

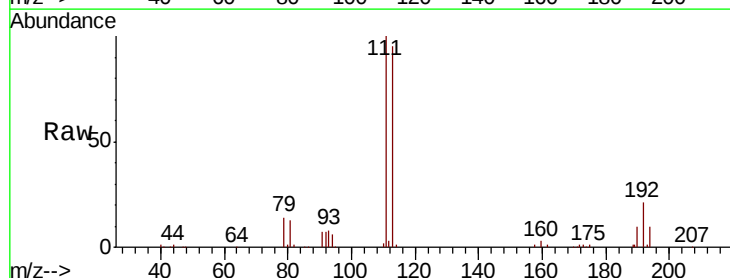
Tgt Ion:113 Resp: 101505

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

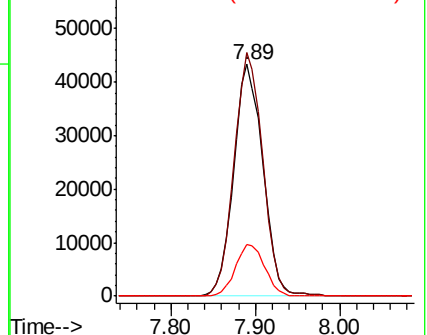
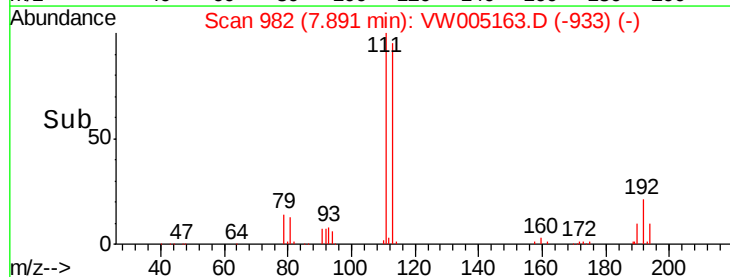
192 22.1 18.1 27.1

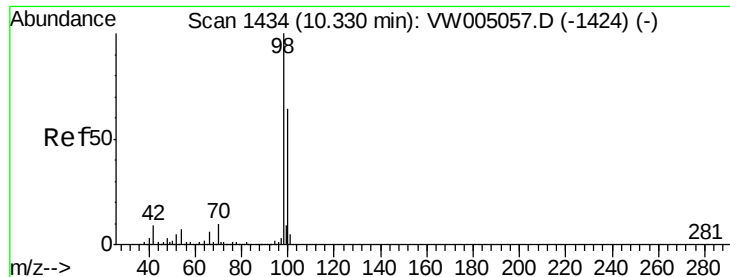


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 17.18 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005163.D

Acq: 06 Sep 2018 14:59

Instrument :

MSVOA_W

ClientSampleId :

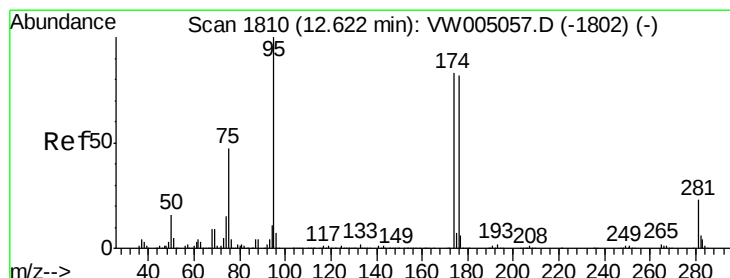
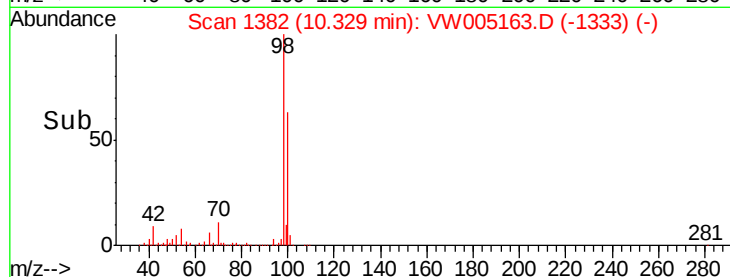
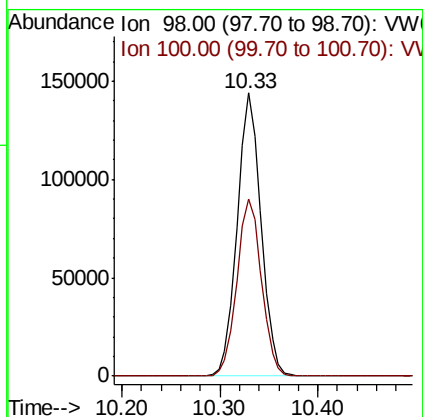
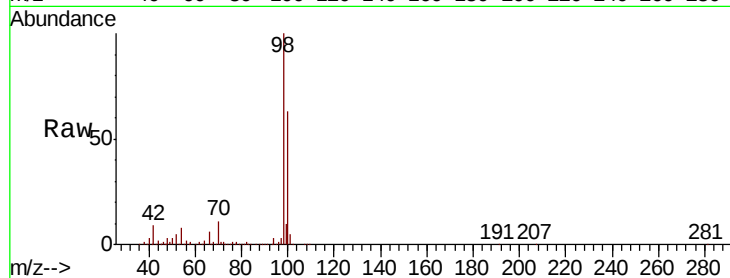
BZTRANS-2

Tot Ion: 98 Resp: 244679

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 15.74 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005163.D

Acq: 06 Sep 2018 14:59

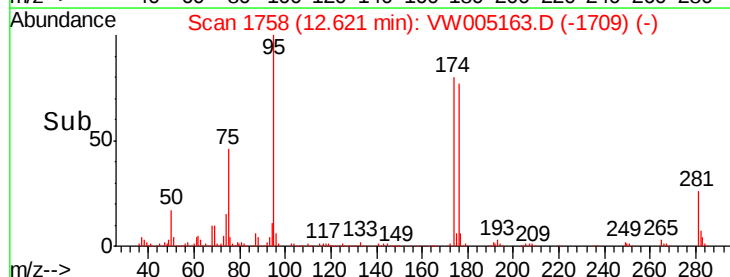
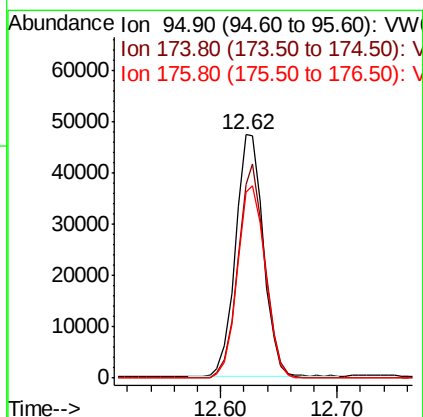
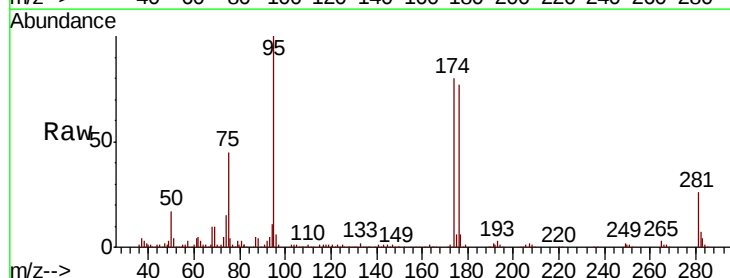
Tgt Ion: 95 Resp: 79030

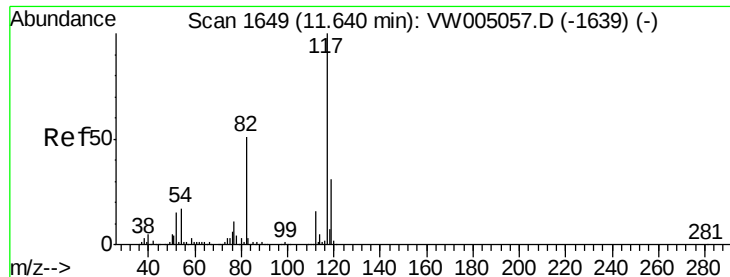
Ion Ratio Lower Upper

95 100

174 85.1 0.0 173.4

176 80.3 0.0 167.4

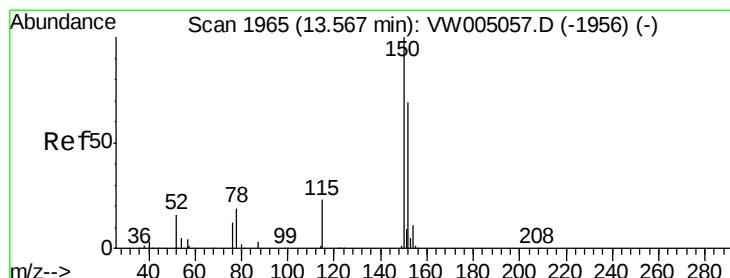
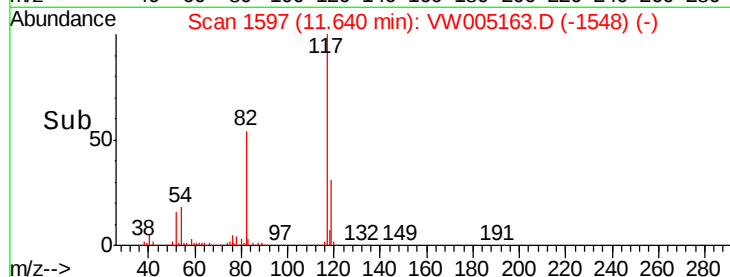
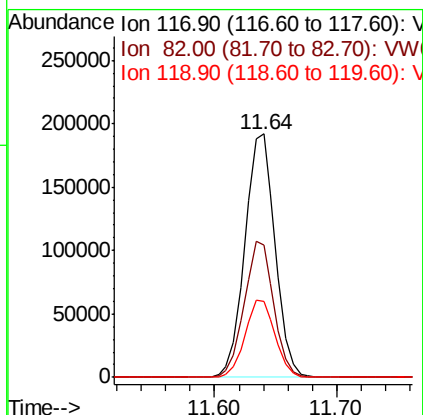
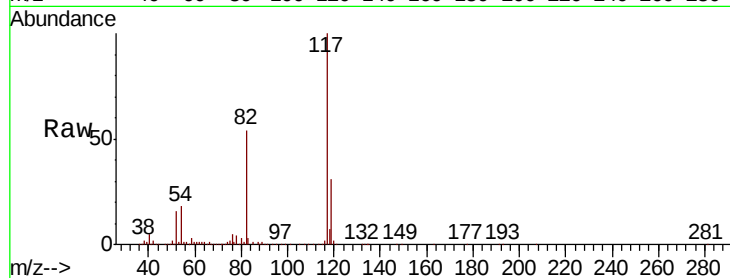




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005163.D
Acq: 06 Sep 2018 14:59

Instrument :
MSVOA_W
ClientSampleId :
BZTRANS-2

Tot Ion:117 Resp: 328765
Ion Ratio Lower Upper
117 100
82 54.1 40.9 61.3
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005163.D
Acq: 06 Sep 2018 14:59

Tgt Ion:152 Resp: 96208
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.4
150 157.7 0.0 351.4

